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	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L1	3065	((coordinate or co-ordinate) near3 conver\$6) same imag\$3	US-PGPUB; USPAT	2007/07/03 10:12	
2	BRS	L2	654	1 and ((rectangular or polar) near3 (coordinate\$1 or co-ordinate\$1))	US-PGPUB; USPAT	2007/07/03 09:21	
3	BRS	L3	272	1 and (rectangular near3 (coordinate\$1 or co-ordinate\$1))	US-PGPUB; USPAT	2007/07/03 10:12	
4	BRS	L4	521	1 and (polar near3 (coordinate\$1 or co-ordinate\$1))	US-PGPUB; USPAT	2007/07/03 09:20	
5	BRS	L5	95	4 and (fingerprint\$3 or biometric\$2)	US-PGPUB; USPAT	2007/07/03 09:21	
6	BRS	L6	332	1 same ((rectangular or polar) near3 (coordinate\$1 or co-ordinate\$1))	US-PGPUB; USPAT	2007/07/03 09:48	
7	BRS	L7	3	6 and (fingerprint\$3 or biometric\$2)	US-PGPUB; USPAT	2007/07/03 09:27	
8	BRS	L8	2	7 and ((conical or cone or curv\$4 or (nonplanar or non-planar)) near5 (surface or platen or prism))	US-PGPUB; USPAT	2007/07/03 09:31	
9	BRS	L9	3	7 and prism\$1	US-PGPUB; USPAT	2007/07/03 09:28	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
10	BRS	L10	1	"6094499".pn.	US- PGPUB; USPAT	2007/07/03 09:28	
11	BRS	L11	1	10 and prism\$1	US- PGPUB; USPAT	2007/07/03 09:28	
12	BRS	L12	2	7 and ((conical or cone or curv\$4 or (nonplanar or non-planar)) near3 prism)	US- PGPUB; USPAT	2007/07/03 09:49	
13	BRS	L13	95	((conical or cone or curv\$4 or (nonplanar or non- planar)) near3 prism) same scan\$5	US- PGPUB; USPAT	2007/07/03 09:34	
14	BRS	L14	8	13 and ((coordinate or co- ordinate) near3 conver\$6)	US- PGPUB; USPAT	2007/07/03 09:34	
15	BRS	L15	2	14 and polar	US- PGPUB; USPAT	2007/07/03 09:33	
16	BRS	L16	13	13 and (fingerprint\$3 or biometric\$2)	US- PGPUB; USPAT	2007/07/03 09:35	
17	BRS	L17	2	16 and ((polar or cartesian or rectangular) near5 (coordinate\$1 or co- ordinate\$1))	US- PGPUB; USPAT	2007/07/03 09:35	
18	BRS	L18	2414	((conical or cone or curv\$4 or (nonplanar or non- planar)) near3 prism)	US- PGPUB; USPAT	2007/07/03 09:34	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
19	BRS	L19	17	18 and ((coordinate or co- ordinate) near3 conver\$6)	US- PGPUB; USPAT	2007/07/03 09:34	
20	BRS	L21	3	20 and ((polar or cartesian or rectangular) near5 (coordinate\$1 or co- ordinate\$1))	US- PGPUB; USPAT	2007/07/03 09:35	
21	BRS	L20	9	19 and (fingerprint\$3 or biometric\$2)	US- PGPUB; USPAT	2007/07/03 09:44	
22	IS&R	L22	1493	(382/124-127).CCLS.	US- PGPUB; USPAT	2007/07/03 09:47	
23	BRS	L23	501	((coordinate or co- ordinate) near3 conver\$6) same imag\$3 same scan\$5	US- PGPUB; USPAT	2007/07/03 09:48	
24	BRS	L24	233	23 and ((cartesian or rectangular or polar) near3 (coordinate\$1 or co- ordinate\$1))	US- PGPUB; USPAT	2007/07/03 09:49	
25	BRS	L25	2	24 and ((conical or cone or curv\$4 or (nonplanar or non-planar)) near3 prism)	US- PGPUB; USPAT	2007/07/03 09:49	
26	BRS	L26	128	24 and (conical or cone or curv\$4 or (nonplanar or non-planar))	US- PGPUB; USPAT	2007/07/03 09:50	
27	BRS	L27	22	24 and ((conical or cone or curv\$4 or (nonplanar or non-planar)) near3 (platen or surface))	US- PGPUB; USPAT	2007/07/03 09:50	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
28	BRS	L28	18	27 and polar	US- PGPUB; USPAT	2007/07/03 09:50	
29	BRS	L29	2	22 and 28	US- PGPUB; USPAT	2007/07/03 09:50	
30	BRS	L30	5974	((cartesian or rectangular) near3 (coordinate\$1 or co- ordinate\$1)) and polar	US- PGPUB; USPAT	2007/07/03 10:07	
31	BRS	L31	1022	30 and ((coordinate or co- ordinate) near3 conver\$6)	US- PGPUB; USPAT	2007/07/03 10:07	
32	BRS	L32	98	31 and (fingerprint\$3 or biometric\$2)	US- PGPUB; USPAT	2007/07/03 10:07	
33	BRS	L33	76	32 and ((curv\$3 or conical or cone or nonplanar or non-planar) near3 (surface or platen or prism\$1))	US- PGPUB; USPAT	2007/07/03 09:53	
34	BRS	L34	76	33 and (scan\$5 near10 imag\$3)	US- PGPUB; USPAT	2007/07/03 09:53	
35	BRS	L35	2	22 and 34	US- PGPUB; USPAT	2007/07/03 10:03	
36	BRS	L36	1	"5528355".pn.	US- PGPUB; USPAT	2007/07/03 09:54	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
37	BRS	L37	2	24 and ((nonplanar or non-planar) near3 platen)	US- PGPUB; USPAT	2007/07/03 09:56	
38	BRS	L38	0	2 and 36	USPAT	2007/07/03 09:57	
39	BRS	L39	1	"20040114786".pn.	US- PGPUB; USPAT	2007/07/03 10:03	
40	BRS	L40	1	39 and interpolat\$4	US- PGPUB; USPAT	2007/07/03 10:03	
41	BRS	L41	1	40 and offset	US- PGPUB; USPAT	2007/07/03 10:06	
42	BRS	L42	269	2 and offset	US- PGPUB; USPAT	2007/07/03 10:06	
43	BRS	L43	134	42 and ((lookup or look-up) near4 table\$1)	US- PGPUB; USPAT	2007/07/03 10:06	
44	BRS	L44	125	43 and ((cartesian or rectangular) near3 (coordinate\$1 or coordinate\$1))	US- PGPUB; USPAT	2007/07/03 10:10	
45	BRS	L45	125	44 and ((coordinate or coordinate) near3 conver\$6)	US- PGPUB; USPAT	2007/07/03 10:07	
46	BRS	L47	0	22 and 46	US- PGPUB; USPAT	2007/07/03 10:08	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
47	BRS	L46	92	45 and (fingerprint\$3 or biometric\$2)	US- PGPUB; USPAT	2007/07/03 10:08	

Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
48 BRS	L48	108	( "1501979"  "2146662"  "2184858"  "20020049714"  "20020141620"  "20030012417"  "20030099022"  "20030142856"  "20030197853"  "20030206287"  "20040109245"  "20040109589"  "20040109591"  "20040114786"  "20050105078"  "3054854"  "3282152"  "3333502"  "3511571"  "3581282"  "3648240"  "3716301"  "3765018"  "3804524"  "3806706"  "3882462"  "4032889"  "4106078"  "4128837"  "4180306"  "4206441"  "4206556"  "4215274"  "4357597"  "4387365"  "4414684"  "4420261"  "4461576"  "4467545"  "4611881"  "4637718"  "4684802"  "4688092"  "4701960"  "4720869"  "4736436"  "4751660"  "4751759"  "4774516"  "4783167"  "4790025"  "4792226"  "4794260"  "4805117"  "4821118"  "4925300"  "5140469"  "5146102"  "5225924"  "5243459"  "5249370"  "5307264"  "5309274"  "5313306"  "5367399"  "5377002"  "5440428"  "5452135"  "5469289"  "5528355"  "5588097"  "5610751"  "5629764"  "5638461"  "5650842"  "5677763"  "5677782"  "5699186"  "5745591"  "5748793"  "5761330"  "5777751"  "5796426"  "5798923"  "5825474"  "5892599"  "5937102")	US- PGPUB; USPAT	2007/07/03 10:10	



				"6021007"   "6038332"   "6041134"   "6046867"   "6175407"   "6198429"   "6198836"   "6243488"   "6341028"   "6373969"   "6394356"   "6411441"   "6415064"   "6424470"   "6459451"   "6466686"   "6496608"   "6616065"   "6928195"   "6993165"   "7081951") . PN.			
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	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
49	BRS	L49	2	5 and 48	US- PGPUB; USPAT	2007/07/03 10:11	
50	BRS	L50	14	48 and ((coordinate or co- ordinate) near3 conver\$6)	US- PGPUB; USPAT	2007/07/03 10:12	
51	BRS	L51	9	50 and ((rectangular or cartesian) near3 (coordinate\$1 or co- ordinate\$1))	US- PGPUB; USPAT	2007/07/03 10:13	
52	BRS	L52	9	51 and polar	US- PGPUB; USPAT	2007/07/03 10:13	

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- #1    ( ( (polar <near/2> (coordinate\* or co-ordinate\*))<in>ab ) <and> (conver\*<in>ab ) )<and> ( (cartesian or rectangular)<in>ab )
- #2    ( ( (polar <near/2> (coordinate\* or co-ordinate\*))<in>ab ) <and> (conver\*<in>ab ) )<and> ( (cartesian or rectangular)<in>ab ) <and> ((fingerprint\* or biometric\*) <in> ab)
- #3    ( ( (polar <near/2> (coordinate\* or co-ordinate\*))<in>ab ) <and> (conver\*<in>ab ) )<and> ( (cartesian or rectangular)<in>ab )
- #4    ( ( (polar <near/2> (coordinate\* or co-ordinate\*))<in>ab ) <and> (conver\*<in>ab ) )<and> ( (cartesian or rectangular)<in>ab )
- #5    ( ( (polar <near/2> (coordinate\* or co-ordinate\*))<in>ab ) <and> (conver\*<in>ab ) )<and> ( (cartesian or rectangular)<in>ab )
- #6    ( ( (polar <near/2> (coordinate\* or co-ordinate\*))<in>ab ) <and> (conver\*<in>ab ) )<and> ( (cartesian or rectangular)<in>ab )
- #7    ( ( (polar <near/2> (coordinate\* or co-ordinate\*))<in>ab ) <and> (conver\*<in>ab ) )<and> ( (cartesian or rectangular)<in>ab )


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## » Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

## Modify Search

(( (polar &lt;near/2&gt; (coordinate\* or co-ordinate\*))&lt;in&gt;ab ) &lt;and&gt; ( conver\*&lt;in&gt;ab )&lt;

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- ☐ **1. Generating rectangular coordinates in polar coordinate order**  
Rader, C.M.;  
[Signal Processing Magazine, IEEE](#)  
Volume 22, Issue 6, Nov. 2005 Page(s):178 - 180  
Digital Object Identifier 10.1109/MSP.2005.1550199  
[AbstractPlus](#) | Full Text: [PDF](#)(128 KB) IEEE JNL  
[Rights and Permissions](#)
- ☐ **2. Bias compensation for improved recursive bearings-only target state esti**  
Lerro, D.; Bar-Shalom, Y.;  
[American Control Conference, 1995. Proceedings of the](#)  
Volume 1, 21-23 June 1995 Page(s):648 - 652 vol.1  
[AbstractPlus](#) | Full Text: [PDF](#)(380 KB) IEEE CNF  
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- ☐ **3. Visible speech-rotary field coordinate-conversion analyser**  
Vilbig, F.;  
[Audio, Transactions of the IRE Professional Group on](#)  
Volume 2, Issue 3, Part 1, May 1954 Page(s):76 - 80  
[AbstractPlus](#) | Full Text: [PDF](#)(624 KB) IEEE JNL  
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- ☐ **4. An efficient radar tracking algorithm using multidimensional Gauss-Herm**  
Wing Ip Tam; Hatzinakos, D.;  
[Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE Inte](#)  
[Conference on](#)  
Volume 5, 21-24 April 1997 Page(s):3777 - 3780 vol.5  
Digital Object Identifier 10.1109/ICASSP.1997.604699  
[AbstractPlus](#) | Full Text: [PDF](#)(332 KB) IEEE CNF  
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- 5. Interconversion Between Truncated Cartesian and Polar Expansions of Ir**  
Park W. ; Chirikjian G.S. ;  
[IEEE Transactions on Image Processing : Accepted for future publication](#)  
Volume PP, Issue 99, 2007 Page(s):1 - 1  
Digital Object Identifier 10.1109/TIP.2007.899190  
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- ☐ **6. Automatic Endocardial-Boundary Detection in Low Mechanical-Index Color Echocardiography**  
Zwirn, G.; Beerli, R.; Gilon, D.; Akselrod, S.;  
[Biomedical Engineering, IEEE Transactions on](#)  
Volume 53, Issue 11, Nov. 2006 Page(s):2310 - 2322  
Digital Object Identifier 10.1109/TBME.2006.883699  
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- ☐ **7. Scan conversion of radar images**  
Nickerson, K.; Haykin, S.;  
[Aerospace and Electronic Systems, IEEE Transactions on](#)  
Volume 25, Issue 2, March 1989 Page(s):166 - 175  
Digital Object Identifier 10.1109/7.18678  
[AbstractPlus](#) | Full Text: [PDF\(672 KB\)](#) IEEE JNL  
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- ☐ **8. A coordinate-transformation based filter for improved target tracking**  
Balakrishnan, S.N.; Speyer, J.L.;  
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Volume 23, Part 1, Dec. 1984 Page(s):1127 - 1132  
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- ☐ **9. On polar and versus Cartesian coordinates for target tracking**  
Zollo, S.; Ristic, B.;  
[Signal Processing and Its Applications, 1999. ISSPA '99. Proceedings of the F](#)  
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Volume 2, 22-25 Aug. 1999 Page(s):499 - 502 vol.2  
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- ☐ **10. Numerical evaluation of the two-dimensional generalized exponential integral**  
Gimersky, M.; Amari, S.; Bornemann, J.;  
[Antennas and Propagation, IEEE Transactions on](#)  
Volume 44, Issue 10, Oct. 1996 Page(s):1422 - 1425  
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- ☐ **11. A 400-MHz processor for the conversion of rectangular to polar coordinates in CMOS**  
Hwang, D.D.; Dengwei Fu; Willson, A.N., Jr.;  
[Solid-State Circuits, IEEE Journal of](#)  
Volume 38, Issue 10, Oct. 2003 Page(s):1771 - 1775  
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- ☐ **12. Decoupled Tracking Filter with Modified Unbiased Converted Measurements**  
Kim, Byung-Doo; Lee, Ja-Sung;  
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Oct. 2006 Page(s):1 - 4  
Digital Object Identifier 10.1109/ICR.2006.343526  
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- ☐ **13. Kriging Interpolation Based Ultrasound Scan Conversion Algorithm**  
Liyong Ma; Jiachen Ma; Yi Shen;  
[Information Acquisition, 2006 IEEE International Conference on](#)  
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- ☐ **14. An application of Fourier-Mellin transform in image registration**  
Xiaoxin Guo; Zhiwen Xu; Yinan Lu; Yunjie Pang;  
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- ☐ **15. On the improvement of rotational invariance of Zernike moments**  
Yongqing Xin; Liao, S.; Pawlak, M.;  
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- ☐ **16. Fast super decoupled state estimator in rectangular coordinates and bad processing**  
Mohammed, T.A.;  
[Power System Technology, 2000. Proceedings. PowerCon 2000. International Conference on](#)  
Volume 2, 4-7 Dec. 2000 Page(s):595 - 599 vol.2  
Digital Object Identifier 10.1109/ICPST.2000.897090  
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- ☐ **17. Accurate and fast discrete polar Fourier transform**  
Averbuch, A.; Coifman, R.R.; Donoho, D.L.; Elad, M.; Israeli, M.;  
[Signals, Systems and Computers, 2003. Conference Record of the Thirty-Seventh Annual Asilomar Conference on](#)  
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- ☐ **18. Optimized algorithm for synthetic aperture imaging**  
Stepinski, T.; Lingvall, F.;  
[Ultrasonics Symposium, 2004 IEEE](#)  
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- ☐ **19. A scan conversion CMOS implementation for a portable ultrasonic system**  
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- ☐ **20. An image processing system scheme in B mode ultrasonic ophthalmology**

Tan Yiyu; Zhang Ning;

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Hwang, D.D.; Dengwei Fu; Willson, A.N., Jr.;  
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22. **A high-speed processor for rectangular-to-polar conversion with applications to digital communications**  
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23. **A parallel filtering technique for a surveillance radar**  
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24. **Pipelined Cartesian-to-Polar Coordinate Conversion Based on SRT Division**  
Lee S.-W. ; Kwon K.-S. ; Park I.-C. ;  
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Volume PP, Issue 99, 2007 Page(s):1 - 1  
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